SHUBHAMIL) (Partially partially ordered set consists of a set with a binary relation thich is reflexive, antisymmetric and transitive i.e., (ii) If aRb and bRa, then a=b. (Antisymmetric)
If aRb and bRa, then aRc. (Transitive) exi. Let the sets={1,2,3} and the operation is < The relations will be. ((۱،۱), (۵,۵), (3,3), (۱,۵), (۱,۵), (2,3) This relation R is reflexive as  $\gamma(1,1)$ , (2,2), (3,3) GR The relation R is antisymmetric, as